



भारत का राजपत्र

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

[पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Kolkata, the 22nd November 2003

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OF THE PATENTS OFFICE

The Patent Office has its Head Office at Kolkata and Branch Offices at Mumbai, Delhi and Chennai having Territorial Jurisdiction on a Zonal basis as shown below:

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Territories of Daman and
Diu & Dadra and Nagar Haveli.

Telegraphic Address "PATOFFICE"
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E-mail: patnum@vsnl.net

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Union Territory of Chandigarh.

Telegraphic Address "PATENTOFIC"
Phone Nos. (011) 2587 1255, 2587 1256,
2587 2587, 1258.
Fax No. (011) 2587 1256.
E-mail: delhipatent@vsnl.net

3. Patent Office Branch,
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The States of Andhra Pradesh,
Karnataka, Kerala, Tamilnadu and
Pondicherry and the Union
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Aminidivi Islands.

Telegraphic Address "PATENTOFFIC"
 Phone Nos. (044) 2431 4324/4325/4326.
 Fax No. (044) 2431 4750/4751.
 E-mail: patentchennai @ vsnl.net

4. Patent Office (Head Office),
 Nizam Palace, 2nd M.S.O. Building,
 5th, 6th & 7th Floor,
 234/4, Acharya Jagadish Bose Road,
 Kolkata—700 020.

Rest of India.

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 Phone No. (033) 2247 4401, 4402/4403.

Fax No. (033) 2247 3851, 2240 1353.
 E-mail: patentin @ vsnl.com
 patindia @ giascl01.vsnl.net.in
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All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 2002 or by the Patents Rules, 2003 will be received only at the appropriate offices of the Patent Office.

Fees : The fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय
 एकस्व तथा अभिकल्प
 कोलकाता, दिनांक 22 नवम्बर 2003

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:—

1. पेटेंट कार्यालय शाखा,
 टीडी इस्टेट, तीसरा तल,
 सन गिल कम्पनी, लोअर परेल (बंसर),
 मुम्बई - 400 013।
 गुजरात, भागलपुर, मध्य प्रदेश तथा
 गोआ राज्य क्षेत्र एवं
 संघ शासित क्षेत्र, दमन तथा दीव एवं
 दादर और नगर हवेली।
 तार पता : "पेटेंटफिस"
 फोन : (022) 2492 4058, 2496 1370, 2490 3684, 2490 3852
 फैक्स : (022) 2495 0622, 2490 3852
 ई.-मेल : patnum@vsnl.net

2. पेटेंट कार्यालय शाखा,
 डल्लू-5, बेस्ट पटेल नगर,
 नई दिल्ली - 110 008।
 हरियाणा, हिमाचल प्रदेश, जा-
 तथा कश्मीर, पंजाब, राजस्थान,
 उत्तर प्रदेश तथा दिल्ली राज्य
 क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।
 तार पता : "पेटेंटफिस"

फोन : (011) 2587 1255, 2587 1256, 2587, 1257,
 2586 1258.
 फैक्स : (011) 2587 1256.
 ई.-मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,
 गुना कम्पलेक्स, छठा तल, एनेक्स-II,
 443, अन्नासलाई, तेनामरेट
 चेन्नई - 600 018।

आंध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
 तथा पाञ्जियारी राज्य क्षेत्र एवं संघ
 शासित क्षेत्र लक्ष्मीपुर, मिनिकाया तथा एमिनिदिवि द्वीप।
 तार पता : "पेटेंटेफिक"
 फोन : (044) 2431 4324/4325/4326.
 फैक्स : (044) 2431 4750/4751.
 ई.-मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),
 निजाम पैलेस, द्वितीय बहुतालीय कार्यालय
 भवन, 5वां, 6ठा व 7वां तल,
 234/4, आचार्य जगदीश बोस मार्ग,
 कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।
 तार पता : "पेटेंट्स"
 फोन : (033) 2247 4401, 4402/4403.
 फैक्स : (033) 2247 3851, 2240 1353.
 ई.-मेल : patentin@vsnl.com
 patindia@giascl01.vsnl.net.in
 वेब साइट : <http://ipindia.nic.in>

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

Special Notice

All the patent applications filed upto 30th April, 2002 other than those -

- a. for which secrecy directions have been imposed and continued under Section 35;
- b. applications along with provisional specifications deemed to have been abandoned under section 9(1) before 20th May, 2003;
- c. applications deemed to have been abandoned under Section 21(1) before 20th May, 2003;
- d. applications which have been refused under Section 15 before 20th May, 2003; and
- e. applications which have been withdrawn before 18 months from the date of filing or the date of priority as the case may be,

shall be deemed to have been published under Section 11A of the Patents Act, 1970 as amended.

The particulars of the applications together with provisional and/or complete specifications and abstracts may be inspected in the appropriate office.

ALTERATION OF DATE UNDERSECTION-16

191332 (863/MUM/2001) ANTE-DATED TO 20TH JANUARY, 2000.

अभिगृहित पूर्ण विनिर्देश

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की स्थिति से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्रस्तुप 4 में यदि आवेदित किया हुआ हो, तो परबर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्रस्तुप 7 में उपयुक्त कार्यालय में दें सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथासंशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate alongwith the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

191311

IND. CL. : 32 (F) 3 (a)

INT. CL. : A 61 K 31/40

TITLE : A DRY POWDER LAYERING PROCESS FOR PREPARING A PHARMACEUTICAL COMPOSITION.

APPLICANT : ASTRAZENECA UK LIMITED,
15 STANHOPE GATE, LONDON,
W1Y 6LM, U.K.

INVENTORS : (1) SUSAN JANE CORVARI
(2) JOSEPH RICHARD CREEKMORE.

INTERNATIONAL APPLICATION NO. : PCT/GB98/03765 DATED 15/12/1998

INDIAN APPLICATION NO. : IN/PCT/2000/00048/MUM DATED 31/05/2000

PRIORITY NO. : 9726735.5 DATED 18/12/1997 OF G.B.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

05 CLAIMS

1. A dry powder layering process for preparing a pharmaceutical composition which comprises a plurality of pellets, each of said pellets comprising:
 - d) a core;
 - e) a first layer surrounding said core which layer contains amorphous zafirlukast substantially free of other physical forms; and
 - f) a second coating layer which does not contain zafirlukast; each layer optionally comprising other pharmaceutically acceptable ingredients, said process comprising the step of applying in separate feeds (1) amorphous zafirlukast in dry powder form and (2) a binding agent, and each feed optionally adding other pharmaceutically acceptable ingredients to a plurality of cores to form layered pellets, wherein the feed containing the binding agent commence slightly before the feed containing zafirlukast and ends slightly after the feed containing zafirlukast.

191312

IND. CL. : 170 D

INT. CL. : C 11 D 11/00

TITLE : CLEAR EMULSION COSMETIC COMPOSITION.

APPLICANT : HINDUSTAN LEVER LIMITED,
HINDUSTAN LEVER HOUSE,
165/166 BACKBAY RECLAMATION,
MUMBAI : 400 020.
MAHARASHTRA, INDIA,
AN INDIAN COMPANY.

INVENTORS : (1) VISPI DORAB KANGA
(2) CRAIG STEPHEN SLAVTCHEFF.
(3) ALEXANDER PAUL ZNAIDEN.

INTERNATIONAL APPLICATION NO. : ---

INDIAN APPLICATION NO. : 383/BOM/1998 DATED 17/06/1998

PRIORITY NO. : 08/884303 DATED 27/06/1997 OF U.S.A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

05 CLAIMS

1. A clear emulsion cosmetic composition having an optical clarity of better than 50 NTU at 21° comprising.
 - i) From 10 to 97% by weight of an aqueous phase comprising 2-methyl-1,3-propanediol; and
 - ii) From 2 to 90% by weight of an oily phase comprising a silicone oil.

191313

IND. CL. : 32 F
INT. CL. : C 07 H 17/08
TITLE : A METHOD OF PREPARING AZITHROMYCIN DIHYDROCHLORIDE OPHTHALMIC OINTMENT.
APPLICANT : ALEMBIC LIMITED,
ALEMBIC ROAD,
VADODARA – 390 003
GUJARAT, INDIA, AN INDIAN CO.
INVENTORS : (1) BHATTACHARYA SAMPAD
(2) KIRAN SHANKAR LAGU
INTERNATIONAL APPLICATION NO. : ---
INDIAN APPLICATION NO. : 890/MUM/2001 DATED 17/09/2001

APPROPRIATE OFFICE FOR OPPosition PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

08 CLAIMS

1. A method of preparing Azithromycin Dihydrochloride ophthalmic ointment comprising of following steps :-
 - a. taking white soft paraffin 0.05-99.9% by weight with or without light liquid paraffin 0.05-90% by weight in a vessel, heating the same from 60° C to 90° C, filtering and transferring the same into a mixer with homogenizer;
 - b. adding to step 1 Benzalkonium chloride 0.005-0.05% by weight homogenizing and cooling the mixture upto 50°C to 60°C;
 - c. adding Azithromycin dihydrochloride 0.1 to 1% by weight in the mixture of step B and homogenizing till the mixture congeals and then stopping homogenizing but continuing mixing;
 - d. mixing and checking the consistency of ointment;
 - e. filling the ointment in suitable container such as collapsible tube.

191314

IND. CL. : 55 E

INT. CL. : A 61 K 7/48

TITLE : PROCESS FOR PREPARATION OF SKIN CARE COMPOSITION BY COMBINING MICRO-NUTRIENTS WITH AYURVEDIC SUBSTANCES.

APPLICANT : MATHURAKAVI SRINIVASA
RAGHAVAN AYYANGAR
5-C, SETT MINAR, PEDDAR ROAD,
MUMBAI : 400 026,
MAHARASHTRA, INDIA,
AN INDIAN NATIONAL.

INVENTORS : IDEM

INTERNATIONAL APPLICATION NO. : ---

INDIAN APPLICATION NO. : 59/MUM/2001 DATED 18/01/2001

**COMPLETE SPECIFICATION FILED AFTER PROVISIONAL SPECIFICATION
DATED 17/09/2001.**

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

05 CLAIMS

1. A process for preparing skincare composition comprising following steps i) extracting in water, ayurvedic ingredients Haridra, Rakt Chandan, Manjistha, Kumari individually and heating with sesame oil; ii) mixing the extract with a micro nutrient complex of Glyceryl Monostearate, Almond Oil, Coconut Oil, Dimethyl Glycine (0.2% to 2% weight of final product), Trimethyl Glycine (0.2% to 3% weight of final product), Methyl Sulfonyl Methane (2% to 18% weight of final product), Aloe Vera Gel (1% to 3% weight of final product) and Glycerine (5% to 12% weight of final product).

Provisional Specn. : 12 Pages
Complete Specn. : 14 pages

Drawings : Nil Sheets
Drawings : Nil sheets

191315

IND. CL. : 32 (F) (3) (C)

INT. CL. : C 07 D 401/14

TITLE : A PROCESS FOR THE PREPARATION OF PYRAZOLO [4,3-d] PYRIMIDIN-7-ONE COMPOUND.

APPLICANT : PFIZER INC., 235 EAST 42ND STREET, NEW YORK,
NEW YORK- 10017. UNITED STATES OF AMERICA.

INVENTORS : (1) CHARLOTTE MOIRA NORFOR ALLERTON
(2) CHRISTOPHER GORDON BARBER
(3) KEITH MICHAEL DEVRIES
(4) LAURENCE JAMES HARRIS
(5) PHILIP CHARLES LEVETT
(6) JOANNA TERESA NEGRI
(7) DAVID JAMES RAWSON
(8) ALBERT SHAW WOOD.

INTERNATIONAL APPLICATION NO. : ---

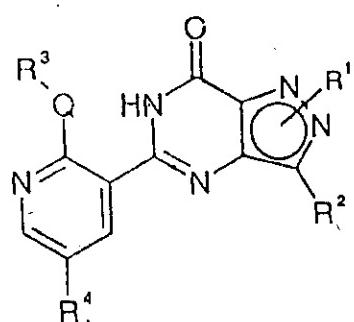
INDIAN APPLICATION NO. : 698/MUM/2001 DATED 20/07/2001

PRIORITY NO. : 0018660.1 DATED 28/07/2000 OF U.K.
0107526.6 DATED 26/03/2001 OF U.K.
0110251.6 DATED 26/04/2001 OF U.K.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

02 CLAIMS

A process for the preparation of a compound of general formula (I):



or a pharmaceutically or veterinarily acceptable salt, pro-drug, polymorph and/or solvate thereof, wherein

Q represents O or NR^5

R^1 represents H , lower alkyl, Het, alkylHet, aryl or alkylaryl (which latter five groups are all optionally substituted and/or terminated with one or more substituents selected from halo, cyano, nitro, lower alkyl, halo(loweralkyl), OR^6 , $OC(O)R^7$, $C(O)R^8$, $C(O)OR^9$, $C(O)NR^{10}R^{11}$, $NR^{12}R^{13}$ and $SO_2NR^{14}R^{15}$)

R^2 represents H , halo, cyano, nitro, OR^6 , $OC(O)R^7$, $C(O)R^8$, $C(O)OR^9$, $C(O)NR^{10}R^{11}$, $NR^{12}R^{13}$, $SO_2NR^{14}R^{15}$, lower alkyl, Het, alkylHet, aryl or alkylaryl (which latter five groups are all optionally substituted and/or terminated with one or more substituents selected from halo, cyano, nitro, lower alkyl, halo(loweralkyl), OR^6 , $OC(O)R^7$, $C(O)R^8$, $C(O)OR^9$, $C(O)NR^{10}R^{11}$, $NR^{12}R^{13}$ and $SO_2NR^{14}R^{15}$)

R^3 represents H , lower alkyl, alkylHet or alkylaryl (which latter three groups are all optionally substituted and/or terminated with one or more substituents selected from halo, cyano, nitro, lower alkyl, halo(loweralkyl), OR^6 , $OC(O)R^7$, $C(O)R^8$, $C(O)OR^9$, $C(O)NR^{10}R^{11}$, $NR^{12}R^{13}$ and $SO_2NR^{14}R^{15}$)

R^4 represents H , halo, cyano, nitro, halo(loweralkyl), OR^6 , $OC(O)R^7$, $C(O)R^8$, $C(O)OR^9$, $C(O)NR^{10}R^{11}$, $NR^{12}R^{13}$, $NR^{16}Y(O)R^{17}$, $N[Y(O)R^{17}]_2$, SOR^{18} , SO_2R^{19} , $C(O)AZ$, lower alkyl, lower alkenyl, lower alkynyl, Het, alkylHet, aryl, alkylaryl (which latter seven groups are all optionally substituted and/or terminated with one or more substituents selected from halo, cyano, nitro, lower alkyl, halo(loweralkyl), OR^6 , $OC(O)R^7$, $C(O)R^8$, $C(O)OR^9$, $C(O)NR^{10}R^{11}$, $NR^{12}R^{13}$ and $SO_2NR^{14}R^{15}$)

Y represents C or $S(O)$

A represents lower alkylene

Z represents OR^6 , halo, Het or aryl (which latter two groups are both optionally substituted with one or more substituents selected from halo, cyano, nitro, lower alkyl, halo(loweralkyl), OR^6 , $OC(O)R^7$, $C(O)R^8$, $C(O)OR^9$, $C(O)NR^{10}R^{11}$, $NR^{12}R^{13}$ and $SO_2NR^{14}R^{15}$)

R^{10} and R^{11} independently represent H or lower alkyl (which latter group is optionally substituted and/or terminated with one or more substituents selected from halo, cyano, nitro, lower alkyl, halo(loweralkyl), OR^6 , $OC(O)R^7$, $C(O)R^8$, $C(O)OR^9$, $C(O)NR^{10a}R^{11a}$, $NR^{12}R^{13}$, $SO_2NR^{14}R^{15}$ and $NR^{20}S(O)_2R^{21}$ or Het or aryl optionally substituted with one or more of said latter thirteen groups) or one of R^{10} and R^{11} may be lower alkoxy, amino or Het, which latter two groups are both optionally substituted with lower alkyl

R^{10a} and R^{11a} independently represent R^{10} and R^{11} as defined above, except that they do not represent groups that include lower alkyl, Het or aryl, when these three groups are substituted and/or terminated (as appropriate) by one or more substituents that include one or more $C(O)NR^{10a}R^{11a}$ and/or $NR^{12}R^{13}$ groups

R^{12} and R^{13} independently represent H or lower alkyl (which latter group is optionally substituted and/or terminated with one or more substituents selected from OR^6 , $C(O)OR^8$, $C(O)NR^{22}R^{23}$ and $NR^{24}R^{25}$), one of R^{12} or R^{13} may be $C(O)$ -lower alkyl or $C(O)Het$ (in which Het is optionally substituted with lower alkyl), or R^{12} and R^{13} together represent C_{3-7} alkylene (which alkylene group is optionally unsaturated, optionally substituted by one or more lower alkyl groups and/or optionally interrupted by O or NR^{26})

R^{14} and R^{15} independently represent H or lower alkyl or R^{14} and R^{15} , together with the nitrogen atom to which they are bound, form a heterocyclic ring

R^{10} and R^{17} independently represent H or lower alkyl (which latter group is optionally substituted and/or terminated with one or more substituents selected from OR^6 , $C(O)OR^9$, $C(O)NR^{22}R^{23}$ and $NR^{24}R^{25}$) or one of R^{16} and R^{17} may be Het or aryl, which latter two groups are both optionally substituted with lower alkyl

R^5 , R^6 , R^7 , R^8 , R^9 , R^{18} , R^{19} , R^{20} , R^{22} , R^{23} , R^{24} and R^{25} independently represent H or lower alkyl

R^{18} and R^{19} independently represent lower alkyl

R^{21} represents lower alkyl or aryl

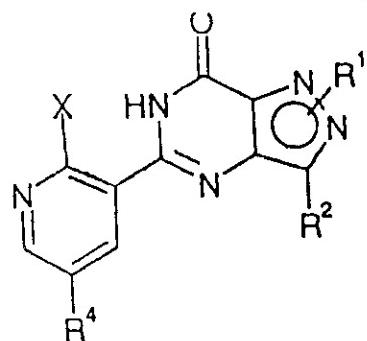
R^{26} represents H, lower alkyl, aryl, $C(O)R^{27}$ or $S(O)_2R^{28}$

R^{27} represents H, lower alkyl or aryl

R^{28} represents lower alkyl or aryl

Het represents an optionally substituted four- to twelve-membered heterocyclic group, which group contains one or more heteroatoms selected from nitrogen, oxygen, sulphur and mixtures thereof

said process comprising reacting a compound of formula (II), in the presence of $^7OR^3$ and a hydroxide trapping agent



(II)

wherein X is a leaving group and Q and R¹ to R⁴ are as defined above.

191316

IND. CL. : 65 A 4

INT. CL. : G 01 R -031/02

TITLE : A MODULAR DEVICE FOR GENERATING HIGH VOLTAGE IMPULSE.

APPLICANT : DEPARTMENT OF ATOMIC ENERGY,
ANUSHAKTI BHAVAN, CHATRAPATI SHIVAJI
MAHARAJ MARG, MUMBAI : 400 039.
MAHARASHTRA, INDIA, (A GOVT. OF INDIA BODY)

INVENTORS : V. VENKATESAM.

INTERNATIONAL APPLICATION NO. : ---

INDIAN APPLICATION NO. : 98/BOM/1999 DATED 08/02/1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

06 CLAIMS

1. A modular device for generating high voltage impulse comprising a primary assembly consisting of a single turn of a hollow rectangular conducting material (2) having an open side and three closed sides and a capacitor bank with plurality of capacitors (3) connected across the open side through plurality of switches (4), said primary assembly being insulated and provided with plurality of secondary windings (5).

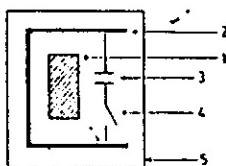


FIG - 1

191317

IND. CL. : 55 E (4)

INT. CL. : A 61 K 9/22
A 61 K 9/24

TITLE : PROCESS FOR THE PREPARATION OF NOVEL PHARMACEUTICAL COMPOSITION.

APPLICANT : BLUE CROSS LABORATORIES LTD.,
A-12 AMBAD INDUSTRIAL AREA, NASHIK 422 010,
MAHARASHTRA, INDIA. AN INDIAN COMPANY.

INVENTORS : (1) AVACHAT MAKARAND K.
(2) DHAMNE ABHIJIT G.
(3) KULKARNI AMOL M.

INTERNATIONAL APPLICATION NO. : ---

INDIAN APPLICATION NO. : 1125/MUM/2001 DATED 26/11/2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

15 CLAIMS

1. A process for preparing a pharmaceutical composition in solid dosage form comprising mixing at least one pharmaceutical therapeutic agent in the form of dried granules with Lepidium sativum husk powder as disintegrating agent with or without other pharmaceutically acceptable additive and thereafter compressing and/or further processing the mixture in a conventional manner to get the tablets and/or capsules.

191318

IND. CL. : 65 A 4**INT. CL.** : G 01 R 031/02**TITLE** : A MODULAR DEVICE FOR GENERATING HIGH VOLTAGE IMPULSE.**APPLICANT** : DEPARTMENT OF ATOMIC ENERGY,
ANUSHAKTI BHAVAN, CHATRAPATI SHIVAJI
MAHARAJ MARG, MUMBAI - 400 039.
MAHARASHTRA, INDIA, (A GOVT. OF INDIA BODY)**INVENTORS** : V. VENKATESAM**INTERNATIONAL APPLICATION NO.** : ---**INDIAN APPLICATION NO.** : 97/BOM/1999 DATED 08/02/1999**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.****09 CLAIMS**

1. A device for generating high voltage impulse comprising a primary assembly consisting of toroidal single turn primary conductor (2), a capacitor bank with a plurality of capacitors (3) connected through switches (4) located axi-symmetrically around the toroidal conductor (2) and a multi turn toroidal secondary winding (5) surrounding the said primary assembly.

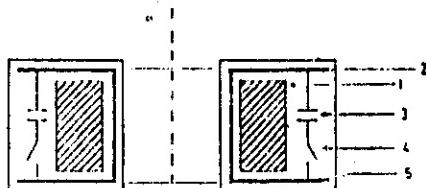


FIG 1

191319

IND. CL. : 199 XLI (9)

INT. CL. : G-01 J 003/50

TITLE : A HIGH ACCURACY LIQUID DENSITY MEASURING DEVICE.

APPLICANT : SHEETAL SHARAD VATTURKAR
B-14/B, BANDHAN SOCIETY,
KOTHRUD, PUNE – 411 029.
MAHARASHTRA, INDIA.
INDIAN CITIZEN

INVENTORS : IDEM

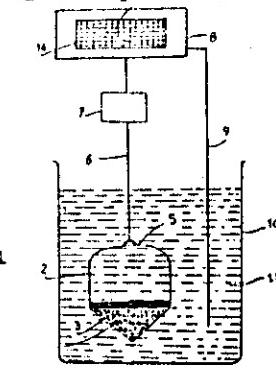
INTERNATIONAL APPLICATION NO. : ---

INDIAN APPLICATION NO. : 742/BOM/1998 DATED 24/11/1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

01 CLAIMS

- 1) A high accuracy liquid density measuring device comprising a float having downwardly tapering bottom; the said bottom is filled with little high density material to accomplish hydrodynamic stability so the density of the said float shall be little higher than that of the liquid under test. The said float provided with hook means to hang the said float with the help of suitable suspending material such that the said float is completely submerged in the liquid medium under the test held in a receptacle. The said float is connected to weighing transducer, output of which is connected to computing unit; a temperature sensor which is also submerged in the liquid alongwith the float. The output of the said sensor is connected to the computing unit. The said computing device is provided with display units for display of weight, temperature, density and concentration.



IND. CL. : 134 C 191320

INT. CL. : B 60N – 002 / 02

TITLE : A VERSATILE VEHICLE

APPLICANT : MAHINDRA & MAHINDRA LTD., GATEWAY B
APOLLO BUNDER, FORT, MUMBAI 400 001, M
INDIA. AN INDIAN COMPANY. BUILDING,
MAHARASHTRA

INVENTORS : RAMESH NARAYAN NAYAK

INTERNATIONAL APPLICATION NO. : ---

INDIAN APPLICATION NO. : 461BOM 1998 DATED 16.07.1998
Complete after provisional specification filed on 20.07.1999

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH 4, MUMBAI - 13.**

07 CLAIMS

A versatile vehicle comprising a box or a platform or carrier (7) on its rear portion for carrying material, livestock or passengers, a skid consisting of a front axle support (1), an engine (2), a clutch housing (3), a transmission means (4) and a rear axle housing (5), all bolted together to form a rigid structure, a lower link hitch point (12) and a top link hitch point (18) for hitching implements to said vehicle without allowing deflections due to forces, said platform being shaped in such a way as to make available to the driver of the operator adequate visibility of said implements when attached to said vehicle.

Prov. Specn.: 9 pages
Comp.specn. 07 pages

Drawings: 05 sheets
Drawings: 05 sheets

IND. CL. : 102 D 191321

INT. CL. : F 01 B 025/00

TITLE : AN APPARATUS FOR PNEUMATIC AUTOMATIONS.

APPLICANT : PINAK KANTI DUTTA,
GAT NO. 83, JYOTIBA NAGAR,
TALWADE, TAL.HAVELI,
DIST. PUNE – 412114.
MAHARASHTRA , INDIA

INVENTORS : IDEM

INTERNATIONAL APPLICATION NO. : ---

INDIAN APPLICATION NO. : 29/BOM/1999 DATED 11/01/1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

03 CLAIMS

- I) An apparatus for pneumatic automation comprising a main body defining an inlet for pumping, there into the compressed air and an outlet for connecting to a pneumatic tool; a polycarbonate bowl housing therein a filter assembly consisting at least one air filter element and a baffle there below, for separating and collecting therein the liquid content and other contaminating matters in the air, secured to the said main body in communicating with the compressed air inlet; an air regulating means provided in the said main body for releasing the filtered air in a regulated manner; a chamber for containing lubricate composition between the said polycarbonate bowls and the outlet of the main body, in communication with passage in the main body leading from the said polycarbonate bowl; and the said lubricate composition containing chambers having means for releasing the lubricating composition in regulated manner; characterized in that the said chamber for containing lubricate composition is integrally provided in the said main body; and the said air regulating means is provided on the side wall of the main body.

Comp. Specn.: 10 Pages Drawings: 02 Sheets

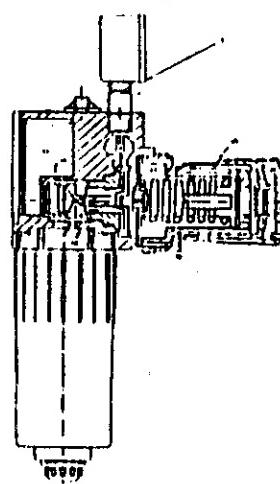


FIG. 1

IND. CL. : 191 191322
INT. CL. : B 415 005/10
TITLE : COMPUTER KEYBOARD

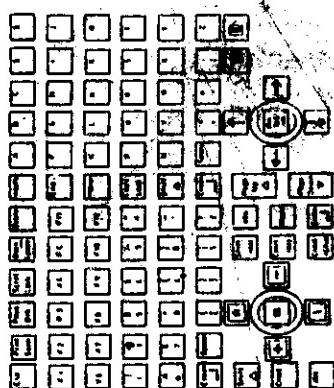
APPLICANT : NARENDRA KUMAR,
& C-2/603, VALLEY TOWERS, AGRAWAL ESTATE,
INVENTORS : MANPADA, THANE (WEST)
BOMBAY - 400 602, MAHARASHTRA, INDIA

APPLICATION NO. : 57/BOM/1999 FILED ON : 25-01-1999.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI 13.

02 CLAIMS

A computer keyboard comprising a set of English alphabetical keys arranged adjacent to one another in rows in their natural alphabetical sequence or order of A-Z with improvement comprising at least two multiple zero keys, set of 'Shift + Alt', 'Cntrl + Alt' and 'Cntrl + Shift' keys, a set of additional mathematical function keys and an 'Enter key' arranged adjacent to one another and a pair of 'Enter and Space' keys, one adjacent to the other and a pair of 'Enter and Space' keys, one being adjacent to the alphabetical keys and the other being adjacent to the numerical set of keys of the keyboard.



Complete specification: 08 pages, Drawings: 1 Sheet.

FIG 1

IND. CL.	:	18 [XXVII(1)]	191323
INT. CL.	:	C 04 B, 24/36	
TITLE	:	A PROCESS FOR THE PREPARATION OF MULTIGRADE BITUMEN FROM REFINERY STREAMS.	
APPLICANT	:	INDIAN OIL CORPORATION LTD, (A GOVT. OF INDIA UNIT UNDER TAKING) OF G-9, ALI YAVAR JUNG MARG, BANDRA (EAST), MUMBAI 400 051, MAHARASHTRA, INDIA.	
INVENTORS	:	1. AGADI KRISHNA 2. RAJENDER SINGH NEGI 3. MOHAN PRASAD KALA 4. BABU RAM TYAGI 5. SOM PRAKASH KASI SRIVASTAVA 6. AKHILESH KUMAR BHATNAGAR	
INTERNATIONAL APPLICATION NO.	:	---	
INDIAN APPLICATION NO.	:	43/BO M/1999 DATED 15/01/1999	

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

14 CLAIMS

- 1) A process for the preparation of a multigrade bitumen from refinery streams which comprises in subjecting the refinery streams to oxidation reaction in the presence of air/oxygen and optionally in the presence of a catalyst such as herein described, at a reaction temperature of 150-280°C for a period of 0.5-10 hrs.

IND. CL. : 56 D 191324

INT. CL. : F 22 B 033/18

TITLE : AN IMPROVED APPARATUS FOR GENERATING STEAM FROM WASTE SUCH AS DISTILLERY WASTE, AGROWASTE AND THE LIKE.

APPLICANT : THERMAX LIMITED,
D-13, MIDC INDUSTRIAL AREA, CHINCHWAD, PUNE : 411 019,
MAHARASHTRA, INDIA, AN INDIAN COMPANY.

INVENTORS : 1. DILIP WAMAN BAPAT
2. SAMIR VASUDEO KULKARNI
3. PRASAD KISAN AUTADE
4. VISHWANATH PUNDALIK BHANDARKAR.

INTERNATIONAL APPLICATION NO. : ---

INDIAN APPLICATION NO. : 489/BOM/1998 DATED 30/07/1998

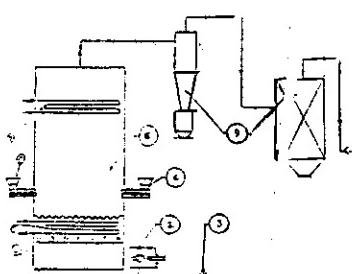
**COMPLETE SPECIFICATION FILED AFTER PROVISIONAL SPECIFICATION
DATED 17/09/1999**

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

04 CLAIMS

- 1) An Apparatus for generating steam from waste such as distillery waste, agro waste and the like comprising :
 - (i) A main combustor having a hot air supply means consisting of an air blower and a start up heating system connected at the bottom of the combustor for heating the air supplied to it and to supply a hot air stream capable of raising the downstream bed temperature to fuel ignition temperature,
 - (ii) An air distributor provided within the main combustor at a level above the hot air supply means adapted to retain a bed of the fuel material and to distribute hot air uniformly through the bed to main combustor,
 - (iii) A first screw feeder secured to the wall of the main combustor at a level above the air distributor for feeding the agro waste or distillery waste (spentwash) into the combustor on to the bed on the distributor,
 - (iv) A second screw feeder also secured to the wall of the main combustor at a level above the air distributor for feeding particulate support fuel like coal/lignite on to the said bed,
 - (v) Water heating inbed tubular bank having independent water supply provided in said bed and embedded within a bed of the agro waste/distillery waste and support fuel,
 - (vi) Water heating tubular bank at the top level with the main combustor having independent water supply in said combustor and
 - (vii) Pollution control cyclone systems outside the combustor in flow communication with the top of the combustor.

Complete Specn.: 12 pages Drawings : 01 sheets



IND. CL.	:	40 B	191325
INT. CL.	:	C 07 C 5/333 B 01 J 23/58, 23/62, 23/78	
TITLE	:	A METHOD FOR PREPARATION OF A NOVEL CATALYTIC COMPOSITE.	
APPLICANT & INVENTORS	:	INDIAN PETROCHEMICALS CORPORATION LIMITED P.O.PETROCHEMICALS, DISTRICT VADODARA-391346 GUJARAT, INDIA	
		1.DATTATRAYA TAMMANNA SHASTRI GOKAK. 2. RAJESHWER DONGARA. 3. ARUN GURUDATH BASRUR. 4. SRINIVASA RAO GAJURALA. 5. RAMASWAMY KRISHNAMURTHY KONDA	
INTERNATIONAL APPLICATION NO	:		
INDIAN APPLICATION NO.	:	519 BOM 1998	DATED : 13-08-1998
PRIORITY NO.	:		

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.

05 CLAIMS

A method for preparation of a novel catalytic composite for use in manufacturing unsaturated hydrocarbons from saturated ones, said method comprising impregnating 0.1 to 5% of noble metal on a high surface area mesoporous support of the kind such as herein described; cogeling 0.1 to 5% by weight of a Group IVA metal selected from Ge, Sn, and Pb with the support during preparation or impregnating on the formed support before or after drying or calcinations of said support; dispersing 0.1% to 10% by weight of a mixture of at least two alkali elements selected from Li, Na, K, Rb and Cs; dispersing 0.1 to 6.0% by weight of at least one of the Group IIIA elements selected from Ga, In and Tl; dispersing 0.1 to 5% by weight of at least one of Group VIIIA elements selected from Fe, Co and Ni; dispersing 0.05% to 10% of halogen component throughout the catalyst composition in any suitable manner; contacting the said prepared catalyst with a gas stream of the kind such as herein described to decrease the halogen content, to obtain the novel catalytic composite.

Complete specification: 22 pages,

Drawings: 05 sheets.

IND. CL. : 29 A 191326

INT. CL. : G 01 N 027/26

TITLE : AN IMPROVED DIFFERENTIAL pH SENSOR WITH INTERFACE

APPLICANT : VASANTDADA SUGAR INSTITUTE,
MANJARI (Bk.) 412 307, TAL HAVELI, DIST PUNE,
MAHARASHTRA STATE, INDIA. AN INDIAN INSTITUTE.

INVENTORS : 1. DR.MARUTI NIRVATI AWATADE
2. DR.TUKARAM KISAN BALWE

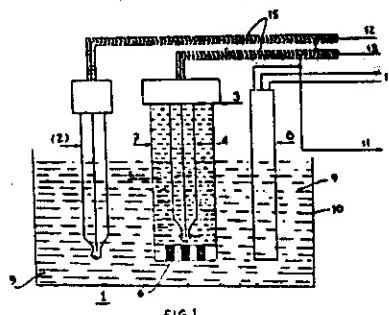
INTERNATIONAL APPLICATION NO. : —

INDIAN APPLICATION NO. : 722/BOM/1998 DATED 17/11/1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.

02 CLAIMS

- 1) An improved differential pH sensor with interface for on the spot monitoring and control of pH by using differential configuration this said configuration comprising of a process electrode made of glass electrode forming half cell, a reference electrode forming another half cell, a temperature sensor suitably fitted in a housing of polymer material which is held in a container with grounded solution; the said reference electrode is also made of glass electrode, held in polymer container with 7 pH electrolyte solution with porous junctions; the said grounded solution which is also connected to the circuit ground; the said process electrode and reference electrodes with grounded shields connected to the input section buffer amplifier; the out of the said amplifiers is connected to comparator; the out of the said comparator is connected to calibration section; out of the said calibration section connected to temperature compensator section having feed back from the said temperature sensor; out of the said temperature compensator connected to signal conditioner; and out of said signal conditioner connected to out put section buffer amplifier to give analog output.



Complete Specification.: 08 Pages

Drawings : 01 Sheet

IND. CL. : 68 E 3 191327

INT. CL. : H 01 H 47/00

TITLE : WIRECUT ELECTRIC DISCHARGE MACHINING METHOD.

APPLICANT : ELECTRONICA MACHINE TOOLS LTD.
AN INDIAN COMPANY,
“ELEKTRA HOUSE”, 691/1A,
PUNE- SATARA ROAD, PUNE 411 037.
MAHARASHTRA, INDIA

INVENTORS : DR. KIYOSHI INOUE

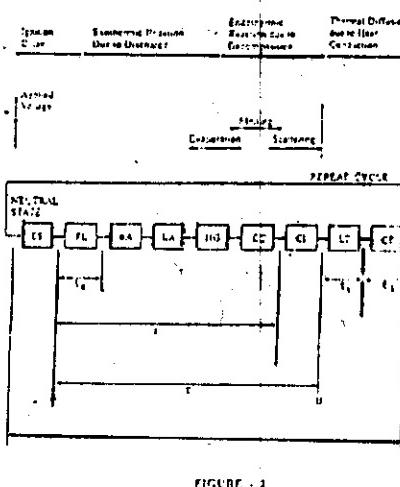
INTERNATIONAL APPLICATION NO. : ---

INDIAN APPLICATION NO. : 580/BOM/1998 DATED 14/09/1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

02 CLAIMS

- 1) An equipment for carrying out Wire Cut Electric Discharge machining which includes a guided travelling wire electrode spaced apart from a work piece defining therebetween a machining gap;
 power supply means, including pulse generating means, supplying, through lead wires and a plurality of current pick-ups and contacts, a train of intermittent current pulses to the traveling wire electrode and work piece respectively; and
 means to supply machining fluid in the machining region surrounding the machining gap, via nozzles; characterised in that the operative total impedance of the power supply means is relatively very low to obtain high density current discharges, and the power supply means includes control means for applying the repeated intermittent current pulses in such a manner that each of at least a substantial majority of the number of discharges in the series is completed in such a short time before plasma builds up in the machining gap and therefore machining is carried out mainly by evaporation.



Complete Specification.: 22 Pages

Drawings : 04 Sheet

IND. CL. : 170 B 191328

INT. CL. : A 61 K 7/50

TITLE : A SYNERGISTIC DETERGENT BAR COMPOSITION.

APPLICANT : HINDUSTAN LEVER LIMITED.,
HINDUSTAN LEVER HOUSE,
165/166 BACKBAY RECLAMATION,
MUMBAI- 400 020.
MAHARASHTRA, INDIA.
AN INDIAN COMPANY

INVENTORS : 1. BEHAL VIDUR
2. PEREIRA ANTHONY WINSTON
3. RAJAN MEENA
4. NAIR GOPINATH SATISHKUMAR
5. VADUMKOOTIL RAVEENDRANATHAN

INTERNATIONAL : ---
APPLICATION NO.

INDIAN : 908/BOM/1999 DATED 08/12/1999
APPLICATION NO.

COMPLETE SPECIFICATION FILED AFTER PROVISIONAL SPECIFICATION
DATED : 07/12/2000

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS
RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

13 CLAIMS

- 1) A synergistic detergent bar composition comprising :
from 10 to 60% by weight detergent active;
from 0.5 to 70% by weight of atleast one of colloidal aluminium hydroxide-phosphate and aluminium hydroxide-sulphate complex (Al-complex);
from 0-30% detergent builder;
from 0-60% inorganic particulate;
from 8 to 35% by weight of water and optionally other liquid benefit agents balance being other and minor additives.

Provisional Specification : 15 Pages
Complete Specification. : 16 Pages

Drawings : Nil Sheet
Drawings : Nil Sheet

IND. CL. : 83 B 6 191329

INT. CL. : F 26 B 025/18, 003/16

TITLE : WIRECUT ELECTRIC DISCHARGE MACHINING METHOD.

APPLICANT : RAJIVA SRIKRISHNA TAMBE,
KAMOD APARTMENTS, 51/2 KHARE TOWN,
DHARAMPETH, NAGPUR 440 010,
MAHARASHTRA, INDIA.

INVENTORS : IDEM

INTERNATIONAL APPLICATION NO. : ---

INDIAN APPLICATION NO. : 842/BOM/1998 DATED 29/12/1998 POST DATED
TO 30/05/2003 U/s. 17 (2)

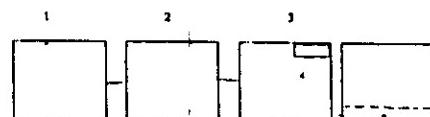
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.

04 CLAIMS

- 1) An improved process for large-scale production of dehydrated vegetables and fruits comprising the steps of :
 - (a) filling the vegetables and fruits to be dehydrated in a stainless steel container having a base with numerous small holes (like sieve) to allow hot air,
 - (b) blowing the hot air at 60-70° C to the steel container from the bottom through the said holes, such that the contents at the lower portion of the container get dried quicker and become lighter in comparison to the contents in other portion of the container and tend to push up with the hot air which has some pressure, these are displaced by contents from upper portion which are relatively heavier, this continuous displacement forms a convection type movement in the container and all the contents are dried individually and uniformly.

Complete Specification.: 04 Pages

Drawings : 01 Sheet



IND. CL. : 32 E **191330**

INT. CL. : C 08 G 59/00

TITLE : A PROCESS OF MAKING COLOURED AND/OR U.V. STABILIZED POLYESTER MATERIAL

APPLICANT : GARWARE POLYESTER LIMITED,
GARWARE HOUSE, 50-A, SWAMI NITYANAND MARG,
VILE PARLE(EAST), MUMBAI 400 057,
MAHARASHTRA, INDIA, AN INDIAN COMPANY.

INVENTORS : SHASHIKANT BHALCHANDRA GARWARE

INTERNATIONAL APPLICATION NO. : ----

INDIAN APPLICATION NO. : 819/BOM/1998 DATED 18/12/1998

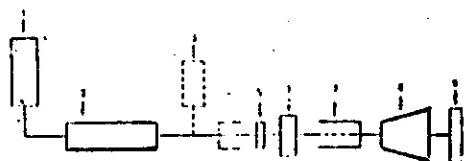
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

07 CLAIMS

- 1) A process of making coloured and/or U.V. stabilized polyester material like sheet, film, ribbon, filament or the like comprising the following steps:
 - (a) mixing the polyester granules with dyes and/ or UV absorbers with or without process aid agents such as slip additives, anti oxidants and the like, at an elevated temperature of 150 to 200° C under continuous and vigorous stirring in a mixer / stirrer / blender;
 - (b) drying the said mix of step (a) to completely remove the water / moisture, in a dryer;
 - (c) passing the said dried mix of step (b) through an extruder to melt the polyester material and mix it thoroughly with dye and other additives in molten form and pushing the molten material through barrel with high pressure into a spinning pump for thoroughly mixing the molten material and discharging with high pressure through a filter;
 - (d) passing the filtered molten material of step (c) through a dye to obtain desired form of molten polyester material;
 - (e) passing the molten polyester material of step (d) on a chilled roll for sudden cooling of the said polyester material;
 - (f) biaxially orienting the said polyester material of step (e) for obtaining desired machine direction and transverse direction orientation of the said coloured and /or UV stabilized polyester material / sheet.

Complete Specification.: 24 Pages

Drawings : 01 Sheet



IND. CL. : 116 F 191331

INT. CL. : B 60 S 7/00, 9/02

TITLE : A LIFTING DEVICE FOR REAR PORTION OF 2-WHEELER SCOOTER.

APPLICANT : BAJAJ AUTO LTD., AKURDI,
PUNE 411 035, MAHARASHTRA, INDIA.
AN INDIAN COMPANY.

INVENTORS : SHRIKANT RAGHUNATH MARATHE

INTERNATIONAL : ----

APPLICATION NO.

INDIAN : 696/BOM/1998 DATED 03/11/1998

APPLICATION NO.

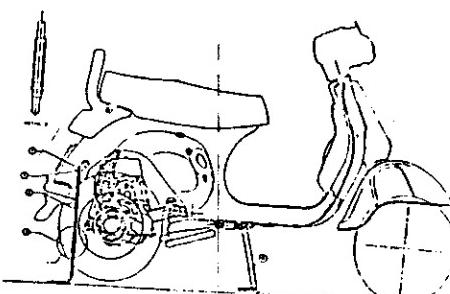
**COMPLETE SPECIFICATION FILED AFTER PROVISIONAL SPECIFICATION
DATED : 08/12/1999.**

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI- 13.

06 CLAIMS

- 1) A lifting device for the rear portion of a two wheeler scooter essentially comprising a pivot pin (1), an intermediate piece (2), a lifting rod (3) and a stopper pin (4), said pivot pin (1) being provided with a hole (8) at one end thereof for insertion of said stopper pin (4); the other end being provided with a stopper head; said intermediate piece (2) being a cylindrical rod comprising a straight piece (2A) to which a cross tube (2B) being welded; said lifting rod (3) comprises a substantially L-shaped cylindrical rod at one end of which a cylindrical tube (3B) being welded.

Provisional Specification : 06 Pages Drawings : 03 Sheets
Complete Specification : 10 Pages Drawings : Nil Sheet



IND. CL. : 32 F 2(a) 191332

INT. CL. : C 07 C 101/00

TITLE : A NOVEL METHOD FOR PREPARATION OF 1-(AMINOMETHYL)-1-CYCLOHEXANEACETIC ACID.

APPLICANT : SUN PHARMACEUTICAL INDUSTRIES LTD., ACME PLAZA, ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400 059. MAHARASHTRA STATE, INDIAN CO.

INVENTORS : 1. DR. RAJAMANNAR THENNATI
2. DR. RAJEEV REHANI

INTERNATIONAL : ----

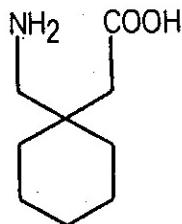
APPLICATION NO.

INDIAN : 863/MUM/2001 DATED 10/09/2001
APPLICATION NO. DIVISIONAL TO 62/MUM/2000 OF 20/01/2000

APPROPRIATE OFFICE FOR OPPosition PROCEEDINGS (RULE 4, PATENTS RULES 2003). PATENT OFFICE BRANCH, MUMBAI - 13.

06 CLAIMS

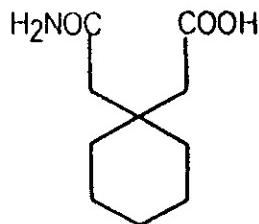
A process for the preparation of substantially pure 1-(aminomethyl)-1-cyclohexaneacetic acid, a compound of formula I i.e. gabapentin



Formula I

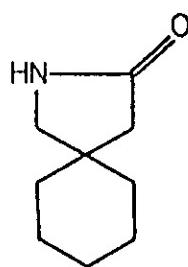
comprising

(a) preparing crude gabapentin by reacting 1,1-cyclohexane diacetic acid monoamide, a compound of formula III

**Formula III**

with a hypohalite, generated in-situ by reacting a halogen with an alkali;

(b) treating the crude gabapentin with an alkali such that the pH of the reaction mixture is at least 7.5; heating the reaction mixture to a temperature of at least 80°C and maintaining said temperature for at least 30 minutes; extraction into an organic solvent such as herein described followed by isolation of substantially pure 2-azaspiro[4,5]decan-3-one, a compound of formula II, from the organic solvent by conventional means as herein described;

**Formula II**

(c) hydrolysing the substantially pure 2-azaspiro[4,5]decan-3-one with an acid to obtain gabapentin salt; neutralisation of the salt with a base to precipitate gabapentin and isolation of precipitated gabapentin as described herein.

I Complete Specification : 15 Pages

Drawings : Nil Sheets

IND. CL. : 193 [LXIII(3)] 191333

INT. CL. : C 04 B, 14/00

TITLE : METHOD FOR THE PRODUCTION OF CERAMIC NETWORK.

APPLICANT : FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. OF LEONRODSTR. 64, 80636 MUNCHEN, GERMANY, GERMAN COMPANY.

INVENTORS : 1. ADLER, JORG
2. HEYMER, HEIKE
3. STANDTKE, GIESELA

INTERNATIONAL : ---

APPLICATION NO.

INDIAN : 21/BOM/1999 DATED 08/01/1999

APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.

14 CLAIMS

- 1) Method for the production of a ceramic network manufactured from polymer fibers and/or natural fibres and/or other fibers, in which the fibers each have a cross-sectional area having a circular or nearly circular or largerly circular or a convex or multiply convex outline, which fibers network is impregnated one or more times with a ceramic suspension, then the excess suspension is removed, the impregnated fiber network is dried and subsequently the fiber network is entirely or essentially entirely or partially removed or burned out and then the remaining network is sintered.

Complete Specification : 16 Pages

Drawings : Nil Sheets

IND. CL. : 129 Q 191334

INT. CL. : B 23 K 23/00

TITLE : AN IMPROVED METHOD OF JOINING HEAD HARDENED RAILS

APPLICANT : THE INDIAN THERMIT CORPORATION LIMITED,
SHREE BHAWAN, SARAFI ROAD, LASIKAR,
GWALIOR, MADHYA PRADESH, INDIA, INDIAN COMPANY.

INVENTORS : ALOK NAGORY

INTERNATIONAL : ---

APPLICATION NO.

INDIAN : 22/BOM/1999 DATED 08/01/1999

APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

03 CLAIMS

- 1) An improved method of joining head hardened rails comprising of fixing a two piece prefabricated casting mould surrounding the rail gaps; clamping the mould; sealing the area between the mould half & rails by sealing paste or powder; preheating the rail ends to raise the temperature of the rails ends; pouring molten steel to fill the casting mould cavity between the rail gap; allowing the molten steel to solidify; the welded portion is sheared; characterised in that the welded zone & heat affected zones which are still hot (austenized) are quenched by accelerated cooling by applying compressed air at 0.1 bar to 6 bar pressure or a mixture of compressed air water or a cooling medium; the welded portion is ground to align with the head hardened rail.

IND. CL. : 83 B (5) 191335

INT. CL. : A 23L3/00

TITLE : A METHOD FOR PREPARING AN AMBIENT -STABLE TEA BASED BEVERAGE.

APPLICANT : HINDUSTAN LEVER LIMITED.,
HINDUSTAN LEVER HOUSE,
165/166 BACKBAY RECLAMATION,
MUMBAI- 400 020.
MAHARASHTRA, INDIA.
AN INDIAN COMPANY.

INVENTORS : 1. PATRICIA ANN ANSLOW.
2. MALCOLM STRATFORD

APPLICATION NO. : 679/ BOM/I998 FILED ON : 23-10-1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI 13.

11 CLAIMS

A method for preparing an ambient-stable tea based beverage suitable for cold filing comprising adding an antimicrobially active amount of cinnamic acid or a acidic derivative thereof in a concentration of between 1 and 150 ppm to a tea solution and adding an acidulant in an amount that maintains the pH of the beverage below pH 4.5.

Complete specification: 23pages,

Drawing: 6 Sheet.

IND. CL. : 189 191336

INT. CL. : A 61 K – 7/42

TITLE : A PROCESS FOR PREPARING PROTEIN-AND/OR PEPTIDE-BOUND MELANIN.

APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY

INVENTORS : (1) VANDANA SHARMA
(2) INDU MANI
(3) GOVINDARAJAN RAMAN

APPLICATION NO : 193/BOM/1999 FILED ON 17.03.1999
Complete after provisional specification filed on 13.03.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH , MUMBAI - 13.

07 CLAIMS

A process for preparing protein-and/or peptide-bound melanin, which is soluble in an aqueous solution at pH 2 to 11 and temperature of from 0° C to 50° C, characterized by reacting dihydroxyphenylalanine with an oxidant enzyme in the presence of an acidic protein and/or peptide having a pI of 3-6.

Prov.Specn: 9 pages
Comp.specn.: 12 pages

Drawings: NIL
Drawings: NIL

IND. CL. : 128 I 191337

INT. CL. : A 61 M 25/00

TITLE : AN IMPROVED CATHETER MOUNT

APPLICANT : DR. INDER JAIN
B-14, NIVRUTI BUILDING,
AAREY ROAD, GOREGAON (E)
MUMBAI – 400 063.
MAHARASHTRA, INDIA,
INDIAN NATIONAL

INVENTORS : IDEM

INTERNATIONAL : ---
APPLICATION NO.

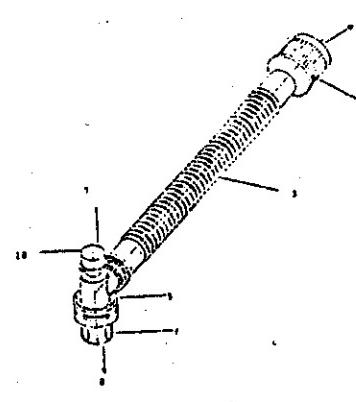
INDIAN : 393/BOM/1999 DATED 25/05/1999
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

05 CLAIMS

- 1) An improved catheter mount tube (1) consisting of a flexible corrugated central tubing (2), one end of which is connected with a detachably attached holder to be fitted to the conduit (3) of the respirator (4), other end of the central tubing is detachably attached with a T section tubing (5) which rotates freely 360° on its axis; the said T section is provided with outlets (6) and (7); one of the said outlet (6) is connected with a holder (8) detachably attached and rotates 360° on its axis connected to the endo tracheal /tracheostomy tube (9); the other outlet (7) is connected to the suction device (10) to remove the secretion of cough and sputum.

Complete Specification : 09 Pages Drawings : 04 Sheets



IND. CL.	:	174 G	191338
INT. CL.	:	F 16 F 15/12	
TITLE	:	TORSION VIBRATION DAMPER.	
APPLICANT & INVENTORS	:	LUK LAMELLEN UND KUPPLUNGSBAU GMBH OF 77813 BUHL/BADEN, GERMANY, GERMAN CO.	
		<ol style="list-style-type: none"> 1. JOHANN JACKEL. 2. DR. AD KOY 	
INTERNATIONAL APPLICATION NO	:		
INDIAN APPLICATION NO.	:	215 BOM 1999	DATED 24.03.1999
PRIORITY NO.	:	198 13 260.3	DATED 25.03.1998 OF GERMANY
		198 43 298.4	DATED 22.09.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

01 CLAIM

A torsional vibration damper for absorbing and compensating rotary shocks and torque fluctuations of an internal combustion engine, comprising an input disc part adapted for connection to the internal combustion engine and an output disc part adapted for connection to a driven unit, and at least one energy accumulator interposed between the disc parts and acting in a circumferential direction; said input disc part having first biasing means, said output disc part having second biasing means, and said first and second disc parts being rotatable relative to each other against the action of the energy accumulator; and further comprising a suspension device that houses the at least one energy accumulator and is divided into a first socket part and a second socket part, the socket parts being rotatable in relation to each other as well as in relation to the input disc part and the output disc part; wherein

For a first sense of relative rotation between the input and output disc parts, the first biasing means engage the first socket part and the second biasing means engage the second socket part; and

For a second sense of relative rotation, opposite to the first sense, between the input and output disc parts, the first biasing means engage the second socket part and the second biasing means engage the first socket part; and

For either sense of relative rotation between the input and output disc parts, said engagements between biasing means and socket parts are form-locking engagement free of frictional engagement; so that for either sense of relative rotation between the input and output disc parts, the at least one energy accumulator is biased in a compressive sense between both of the socket parts.

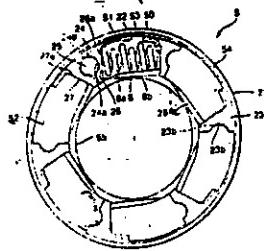


FIG. 2

Complete specification: 28 pages,

Drawings: 11 sheets.

IND. CL. : 32 (F) (2) (b) 191339

INT. CL. : C 07 D 401/12
A 61 K 31/40

TITLE : A PROCESS FOR PREPARING A COMPOUND OF FORMULA (I).

APPLICANT : SMITHKLINE BEECHAM LABORATORIES PHARMACEUTIQUES, A FRENCH COMPANY, OF 6 ESPLANDE CHARLES DE GAULLE, 92731 NANTERRE CEDEX, FRANCE & SMITHKLINE BEECHAM S.P.A. AN ITALIAN COMPANY OF VIA ZAMBELLI, 20021 BARANZATE DI BOLLADE, MILAN, ITALY,

INVENTORS : 1. STEFANIA GAGLIARDI
2. GUY MARGUERITE MARIE GERARD NADLER
3. PIETRO A.T. NOVELLA

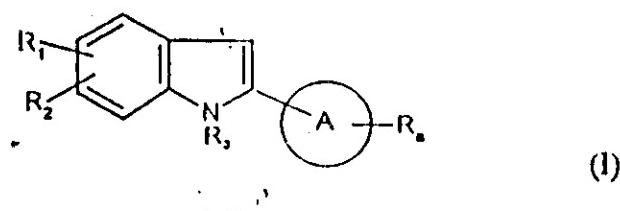
INTERNATIONAL : PCT/EP 98/08561 DATED 17/12/1998
APPLICATION NO.

INDIAN : IN/PCT/2000/00113/MUM DATED 21/06/2000
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

16 CLAIMS

1. A process for the preparation of novel compound 1H-indol-2-yl benzamides of formula (I) and salt of sovate thereof useful in the treatment of osteoporosis:

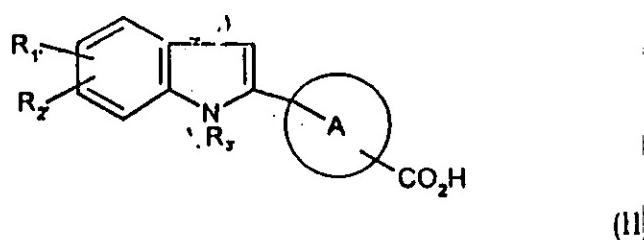


or a salt thereof, or a solvate thereof, wherein:

A represents phenyl, naphthyl or furyl group any of which may be substituted by up to three substituents selected from C₁-alkyl,

C_{1-6} alkoxy, thio C_{1-6} alkyl, hydroxy, halogen, trifluoromethyl, C_{1-6} alkylcarbonyl, cyano, nitro, or $-NR_uR_v$, wherein R_u and R_v each independently represent hydrogen, C_{1-6} alkyl or C_{1-6} alkylcarbonyl; R_a represents $-CO-NR_sR_t$, wherein R_s and R_t each independently represent hydrogen, C_{1-6} alkyl, 2-(di- C_{1-6} alkylamino)ethyl, 3-(di- C_{1-6} alkylamino)propyl, 4-(di- C_{1-6} alkylamino)butyl, 3-[4-(3-chlorophenyl)piperazine-1-yl]propyl, 3-[4-(3-hydroxyphenyl)piperazine-1-yl]propyl, heterocyclmethyl, heterocyclylethyl or heterocyclylpropyl, optionally substituted alkynyl, optionally substituted aryl, optionally substituted aryl C_{1-3} alkyl, optionally substituted heterocycl or an optionally substituted heterocycl C_{1-6} alkyl group wherein a heterocycl group forming part of a heterocycl C_{1-6} alkyl group is a saturated single ring heterocyclic group having 5 to 8 ring atoms which ring atoms include 1, 2 or 3 heteroatoms selected from O, S or N, optionally substituted by an optionally substituted aryl group; or R_s and R_t together with the nitrogen to which they are attached to form a heterocycl group; R_1 and R_2 each independently represents hydrogen, hydroxy, amino, C_{1-6} alkoxy, optionally substituted aryloxy, optionally substituted benzyloxy, C_{1-6} alkylamino, di(C_{1-6} alkylamino), halo, trifluoromethyl, trifluoromethoxy, nitro, C_{1-6} alkyl, carboxy, carb C_{1-6} alkoxy, carbamoyl, C_{1-6} alkylcarbamoyl, or R_1 and R_2 together represent methylenedioxy, carbonyldioxy or carbonyldiamino; and R_3 represents hydrogen, C_{1-6} alkanoyl, C_{1-6} alkyl, amino C_{1-6} alkyl,

hydroxy C_1 -alkyl, carboxy C_1 -alkyl, carb C_1 -alkoxy C_1 -alkyl, carbamoyl or C_1 -alkylsulphonyl and arylsulphonyl; wherein "aryl" means phenyl or naphthyl; "heterocyclyl" means saturated or unsaturated single or fused ring heterocyclic groups, each ring having 5 to 8 ring atoms which ring atoms include 1, 2 or 3 heteroatoms selected from O, S and N; and optional substituents for any aryl and heterocyclyl groups are up to three substituents selected from C_1 -alkyl, C_1 -alkoxy, thio C_1 -alkyl, hydroxy, halogen, trifluoromethyl, C_1 -alkylcarbonyl, cyano, nitro, or $-NR_uR_v$ wherein R_u and R_v each independently represent hydrogen, C_1 -alkyl or C_1 -alkylcarbonyl; which process comprises amidating a compound of formula (II) in a known manner:



wherein A is as defined in relation to formula (I), R_1' , R_2' and R_3' each respectively represent R_1 , R_2 and R_3 as defined in relation to formula (I) or a protected form thereof; and optionally removing any protecting group therefrom in a known manner; and preparing a salt or a solvate of the compound of the formula I in a known manner.

IND. CL. : 83 A (2) 191340

INT. CL. : A 01 H 5/10

TITLE : A PROCESS FOR THE PREPARATION OF COLD EXTRUDED COMPOSITION AND AN APPARATUS FOR CARRYING OUT SUCH PROCESS.

APPLICANT : HINDUSTAN LEVER LIMITED.,
HINDUSTAN LEVER HOUSE,
165/166 BACKBAY RECLAMATION,
MUMBAI- 400 020.
MAHARASHTRA, INDIA.
AN INDIAN COMPANY

INVENTORS : 1. SPINDLER, SUZANNE MARY
2. WIX, LOYD

INTERNATIONAL : ----

APPLICATION NO.

INDIAN : 1141/MUM/2001 DATED 29/11/2001

APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

05 CLAIMS

- 1) A process for the preparation of a cold extruded composition, wherein said process comprises;
 - (i) aerating a mix comprising a fat phase in a freezer barrel enclosing an internal volume, said internal volume comprising an aeration means;
 - (ii) extruding the mix through a cold extruding means,characterized in that, said aeration means displaces less than 40% of said internal volume and at least 45% w/w of the fat phase is liquid at -5° C

Complete Specification : 14 Pages

Drawings : Nil Sheets

IND. CL. : 32 F 1 191341

INT. CL. : C 07 D 241/00

TITLE : A PROCESS OF PRODUCING AN ANTIHISTAMINIC COMPOUND AND ITS DERIVATIVES.

APPLICANT : M/S. CIPLA LTD.,
MUMBAI CENTRAL,
MUMBAI-400 008,
MAHARASHTRA, INDIA.
AN INDIAN COMPANY

INVENTORS : 1. DR. YUSUF KUWAJA HAMIED
2. PROF. VITHAL MADHVARAO KULKARNI

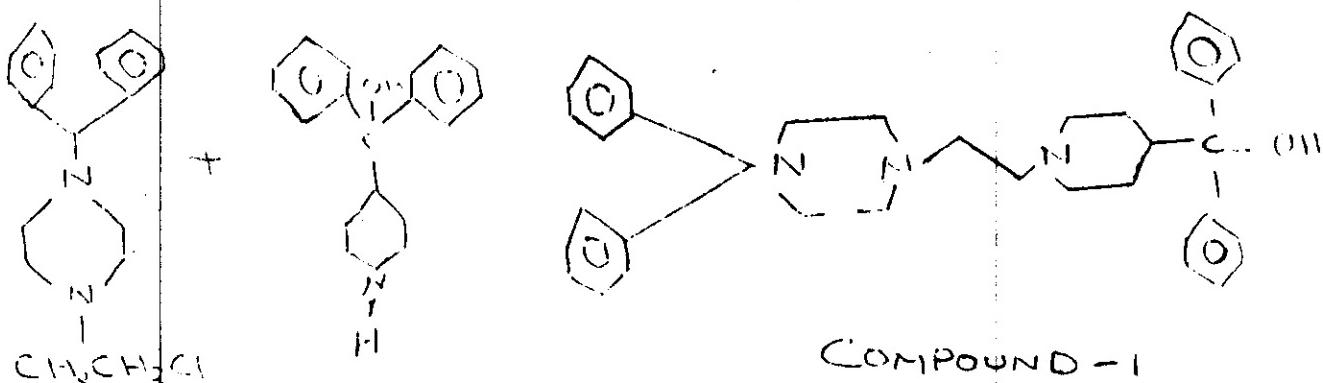
INTERNATIONAL : ----
APPLICATION NO.

INDIAN : 1010/MUM/2001 DATED 16/10/2001
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

02 CLAIMS

1. A process of producing 1-(4-chlorobenzhydryl)-2-ethyl-[2]H-[2-hydroxybenzhydryl]piperidine[piperazine, an antihistamic compound,



comprising; reacting 4-chlorobenzhydryl piperazine ethyl chloride in Diphenyl Etheramide (DMF) with azacyclonol in presence of anhydrous potassium carbonate and catalytic amount of potassium iodine, and heating the reactant at refluxed for 10 to 16 hours with continuous stirring and subsequent cooling, and quenching in ice under stirring to obtain the solid by filtering and drying.

IND. CL. : 32 C 191342

INT. CL. : B 32 B,
C 08 G 63

TITLE : A PROCESS OF MAKING OPTICALLY CLEAK SOLAR
CONTROL POLYMERIC FILM COMPOSITE.

APPLICANT : MR. GARWARE POLYESTER LTD.,
AN INDIAN COMPANY
GARWARE HOUSE, 50 A,
SWAMI NITYANAND MARG,
VILE PARLE (EAST),
MUMBAI – 400 057.

INVENTORS : SHASHIKANT BHALCHANDRA GARWARE.

INTERNATIONAL : ---

APPLICATION NO.

INDIAN : 812/BOM/1998 DATED 15/12/1998

APPLICATION NO.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS
RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

12 CLAIMS

- 1) A process of making optically clear solar control polymeric film composite characterized in that
 - (a) one surface of a plain polymeric film laminated with a siliconized or polyvinyl alcohol (PVA) coated liner;
 - (b) other surface being preferably provided with a scratch resistant coating and ;
 - (c) a pressure sensitive adhesive coating with or without additives is provided under said plain polymeric films surface of step (a), before laminating with said liner.

Provisional Specification : 30 Pages

Drawings : 02 Sheets

IND. CL. : 195 E 191343

INT. CL. : F 02 M 21/00

TITLE : GAS REGULATOR FOR BI-FUEL ENGINE.

APPLICANT : THE DIRECTOR,
THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA
S.NO. 102, OFF PAUD ROAD,
VETAL HILL, PUNE 411 004,
MAHARASHTRA STATE, INDIA.

INVENTORS : 1. MANOHAR KASHINATH CHAUDHARI
2. SANDEEP DHUNDIRAY RAIRIKAR

INTERNATIONAL APPLICATION NO. : ---

INDIAN APPLICATION NO. : 654/BOM/1998 DATED 13/10/1998
POST DATED TO 07/06/2003

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

04 CLAIMS

1) A gas regulator for bisfuel engine, such engine used for two or three wheeled vehicle comprising :

a main body having an open closable fluid inlet and a normally open fluid outlet for fluid communication through the mainbody;

a cover member is rigidly fastened to said mainbody;

a displaceable diaphragm assembly is sealingly juxtaposed in-between the mainbody and the cover;

said diaphragm being displaceable towards mainbody during substantial negative pressure adjoining said fluid outlet; wherein

a spring biased lever member pivotally mounted to said mainbody operates in coordination with said diaphragm assembly for opening said fluid inlet in proportion to the negative pressure generated adjoining the fluid outlet.

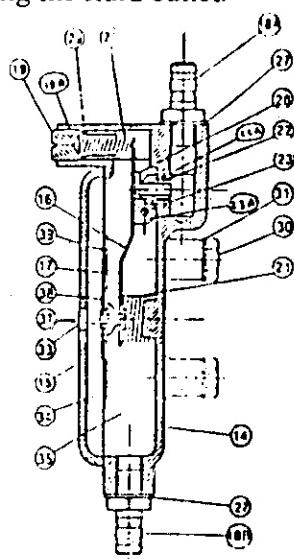


FIG - 2 B

IND. CL. : 170 D 191344
INT. CL. : C 07 D 4/12
TITLE : AN AQUEOUS SHAMPOO COMPOSITION
APPLICANT : HINDUSTAN LEVER LIMITED.,
HINDUSTAN LEVER HOUSE,
165/166 BACKBAY RECLAMATION,
MUMBAI- 400 020.
MAHARASHTRA, INDIA.
INVENTORS : 1. GERARDO BERTOLOSSO
2. MARIA MAVROPOULOU
3. ANDREW MALCOLM MURRAY
INTERNATIONAL : ---
APPLICATION NO.
INDIAN : 741/BOM/1998 DATED 23/11/1998
APPLICATION NO.
PRIORITY NO. : P970105697 DATED 04/12/1997 OF ARGENTINA
9804717.7 DATED 05/03/1998 OF U.K.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

09 CLAIMS

- 1) An aqueous shampoo composition comprising, in addition to water:
 - (iv) at least one surfactant selected from anionic, nonionic, zwitterionic or amphoteric surfactants or mixtures thereof;
 - (v) an amino functionalised silicone; and
 - (vi) emulsified particles of an insoluble, hydroxyl functionalised silicone, and in which the weight ratio of amino functionalised silicone (ii) to hydroxyl functionalised silicone (iii) is 1:2 or less.

Complete Specification : 31 Pages

Drawings : Nil Sheets

IND. CL. : 103 [XLV(1)] 191345

INT. CL. : C 07 C -67/ 08

TITLE : A PROCESS FOR PRODUCING A RUST PREVENTATIVE COATING FOR STEEL

APPLICANT : CASTROL INDIA LIMITED, AN INDIAN COMPANY, WHITE HOUSE, 91 WALKESHWAR ROAD, MUMBAI 400 006, MAHARASHTRA, INDIA & GIRIMAJI SATHYANARAYANA RAVI, AND INDIAN NATIONAL, 1629, 31ST CROSS, 16 MAIN, B.S.K.II STAGE, BANGALORE 560 070, KARNATAKA, INDIA.

INVENTORS : 1) DR. ARAKALI LAKSHMINARAYAN RAVIMOHAN
2) GIRIMAJI SATHYANARAYANA RAVI

INTERNATIONAL APPLICATION NO : -----DATED-----

INDIAN APPLICATION NO. : 651 BOM 1998 DATED 09.10.1998
Complete specification filed after provisional specification On: 11.10.1999.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

12 CLAIMS

A process for producing a rust preventative coating for steel, said process comprising:

- a) reacting a mono and a dibasic acid each having between a C₃ to C₂₂ chain length, with a polyhydric alcohol selected from neopentyl glycol, trimethylol propane and pentaerythritol to form an ester, and
- b) depositing the ester as a rust preventative coating on the steel, as a solvent or oil deposited film, or in a water-based film.

Prov.Specn. 16 pages
Comp.Specn. 19 pages

Drawings: NIL
Drawings: NIL

IND. CL. : 39 H 191346

INT. CL. : C 07 B – 37/ 00

TITLE : PROCESS FOR PREPARATION OF WATER SOLUBLE FIBRE REACTIVE AZO COMPOUNDS

APPLICANT : EVERGREEN INDUSTRIES, C-1/B, 90/14, G.I.D.C PHASE -I, BEHIND BANK OF INDIA, VATVA, AHMEDABAD, GUJARAT, INDIA. AN INDIAN COMPANY.

INVENTOR : JEETENDRA JANMNADAS DOSHI

INTERNATIONAL APPLICATION NO : -----DATED-----

INDIAN APPLICATION NO. : 120 BOM 1999 DATED 22.02.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

03 CLAIMS

Process for preparing a water soluble azo compound of the general formula (6) ($C_{28}H_{19}O_{14}M_2NaS_4N_7Cl R_1R_2$) In which

R_1 denotes a hydrogen atom or an alkyl group of 1 to 4 carbon atoms or an alkoxy group of 1 to 4 carbon atoms, with or without sulfonic group

R_2 denotes hydrogen atom or an alkyl group of 1 to 4 carbon atoms or an alkoxy group of 1 to 4 carbon, with or without sulfonic group.

M represents a hydrogen atom or the equivalent a metal such as alkali or alkaline earth metal.

The group of $SO_2-CH_2-CH_2-O-SO_3$ M of formula (6) ($C_{28}H_{19}O_{14}M_2NaS_4N_7Cl R_1R_2$) where M denotes as above and are bonded in the benzene nucleus in meta or para position relative to the amine group and the groups of formula where R_1 and R_2 can be identical or different from one another and attached in the benzene nucleus in any position, if R_1 and R_2 represents a hydrogen atom and sulfonic group at 3 position as mentioned in formula (1)

If R_1 is hydrogen atom and R_2 is methoxy group and sulfone group is at 4 position as mentioned in the formula (2),

If R_1 is methoxy group R_2 is methyl group and sulfone group is at 4 position as mentioned in the formula (3).

If R_1 is methoxy group and R_2 is methoxy group and sulfone group is at 4 position as mentioned in the formula (4),

Comprising the following steps,

Reacting a formula (7) ($C_{20}H_{12}O_8S_2N_6C_{12}M_2$) with formula (8) ($C_8H_8O_6M S_2N R_1 R_2$) wherein R_1 and R_2 and M have the above mentioned meaning and SO_3 is the radical of the amino naphthalisulfonic acid with 2-(4-methoxy phenyl)azo group on 2-position of the formula (7).

IND. CL.	:	55 F, 189	191347
INT. CL.	:	A 61 K-7/42/ 00	
TITLE	:	A PROCESS FOR PREPARATION OF A COSMETIC COMPOSITION FOR LIGHTENING SKIN	
APPLICANT	:	HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 1 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY	
INVENTOR	:	GOVINDARAJAN RAMAN	
INTERNATIONAL APPLICATION NO	:	-----DATED-----	
INDIAN APPLICATION NO.	:	678 BOM 1998 DATED 23.10.1998 Complete specification filed after provisional specification On: 20.10.1999.	

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

15 CLAIMS

A process for the preparation of a cosmetic composition for lightening skin, comprising

- (i) dissolving 0.1 to 10% by weight of an ultra-violet absorbing sunscreen in an oil phase
- (ii) neutralizing the stearic acid in a water phase and
- (iii) homogenizing the dissolved sunscreen with neutralized stearic acid along with other ingredients of the composition and a cosmetically acceptable vehicle.

Prov.Specn. 11 pages

Drawings: Nil

Comp.Specn. 14 pages

Drawings: Nil

IND. CL. : 39 K 191348

INT. CL. : C 01 B 17/90

TITLE : A METHOD OF DECOMPOSING CONTAMINATED SULFURIC ACID TO OBTAIN NON-HAZARDOUS END PRODUCTS.

APPLICANT : OUTOKUMPU OYJ, A FINNISH PUBLIC LIMITED COMPANY, OF RIIHITONTUNTIE 7, ESPOO, FINLAND.

INVENTORS : 1. JAAKKO POIJARVI
2. ANTTI JALONEN
3. JOHANNES HOLMI
4. JARI OJALA.

INTERNATIONAL : ---
APPLICATION NO.

INDIAN : 784/BOM/1998 DATED 02/12/1998
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

08 CLAIMS

- 1) A method of decomposing contaminated sulfuric acid to obtain non-hazardous end products : sulfur dioxide, water and oxygen, said sulfuric acid formed from scrubbing sulfur dioxide contaminated gases created in the pyrometallurgical production of metals, wherein the method comprises :
 - (a) concentrating the contaminated sulfuric acid typically by evaporation wherein a portion of the metal components and halogens are removed out of the sulfuric acid during this concentration step typically by vaporization and crystallization respectively;
 - (b) Feeding the said purified and concentrated sulfuric acid of step (a) into the gas space of the exhaust shaft of a smelting furnace so that the heat of the smelting furnace exhaust gases thermally decomposes the sulfuric acid into sulfur dioxide, water and oxygen.

Complete Specification : 10 Pages

Drawings : 01 Sheets

IND. CL. : 40 B 191349

INT. CL. : B01J 37/00

TITLE : A PROCESS FOR THE PREPARATION OF HYDROCARBON CONVERSION CATALYST

APPLICANT : INDIAN OIL CORPORATION LTD
G-9, ALI YAVAR JUNG MARG,
BANDRA (EAST) MUMBAI - 400051.
MAHARASHTRA, INDIA

INVENTORS : 1. SOBHN GHOSH ANURAG HITKARI
2. SATISH MAKHIJA
3. VENKATACHALAM KRISHNAN
4. SANJAY KUMAR RAY
5. MOHAN PRABHU KUVETTU.

INTERNATIONAL : —
APPLICATION NO.

INDIAN : 684/BOM/1998 DATED 26/10/1998
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

11 CLAIMS

- 1) A process for preparation of hydrocarbon conversion catalyst for use in a Fluid Catalyst Cracking (FCC) unit, comprising the steps of:
 preparing a modified alumina-silica composite by reacting alumina with an acid to provide an acidified alumina, aging the acidified alumina for from 0.25 to 60 hours, and adding a silica source to obtain the composite;
 preparing a dispersed precursor slurry of the modified alumina silica composite, and a rare earth exchanged USY zeolite (REUSY) containing at least one rare earth oxide present in an amount ranging from 3.8 to 4.0 wt%, and optionally kaolin clay;
 spray drying the slurry to obtain spherical particles; and subjecting the spherical particles to calcination.

Complete Specification : 12 Pages

Drawings : Nil Sheets

IND. CL. : 32 F 21 (b) 191350

INT. CL. : A 61 K 31/415

TITLE : AN IMPROVED METHOD OF SYNTHESISING A MOLECULE CALLED SATRANIDAZOLE.

APPLICANT : ALKEM LABORATORIES LTD.,
AN INDIAN CO. PHOENIX MILL
COMPLEX , 3rd FLOOR, 462' SENAPATI
BAPAT MARG, LOWER PAREL (W),
MUMBAI – 400 013,
MAHARASHTRA, INDIA.

INVENTORS : DR. TELANG RAMESH BABU RAO.

INTERNATIONAL : —

APPLICATION NO. :

INDIAN : 480/BOM/1999 DATED 05/07/1999

APPLICATION NO. :

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

03 CLAIMS

1. An improved method of Synthesising a molecule called Satranidazole comprising the following steps :
 - i) N- (Methylamino) acetaldehyde dimethylacetate is treated with the salt of thiocyanic acid in the presence of mineral acid at a low temperature ranging from 1 – 35° C with constant stirring to get N-Methyl – 2 - mercapto imidazole;
 - ii) the said imidazole obtained to Step (i) is further reacted with alkyl halide in the presence of a base to get 1 – Methyl – 2 – alkyl mercapto imidazole;
 - iii) the said imidazole of step (ii) is nitrated to get 1 – Methyl – 2 – alkyl mercapto – 5 – nitroimidazole;
 - iv) the said imidazole of step (iii) is oxidized to get 1 – Methyl – 2 – (alkylsulphonyl) – 5- nitroimidazole.
 - v) condensing the said nitroimidazole of Step (iv) with 1 – Methyl Sulphonyl – 2- imidazolone results in the formation of Satranidazole (Crude) which is further purified to obtain the Satranidazole (Pure).

OPPOSITION PROCEEDINGS (U/S. 25)

An opposition has been entered by M/s. Honda R & D Co. Ltd., Japan to the grant of a Patent on Application No. 189778 (343/BOM/1997) made by M/s. Bajaj Auto Limited, Akurdi, Pune-411 035.

An opposition has been entered by M/s. Piaggio & C.S.P.A. Italy, to the grant of a Patent on Application No. 189793 (372/BOM/1997) made by M/s. Bajaj Auto Limited, Akurdi, Pune-411 035.

An opposition has been entered by M/s. Piaggio & C.S.P.A. Italy, to the grant of a Patent on Application No. 189801 (492/BOM/1997) made by M/s. Bajaj Auto Limited, Akurdi, Pune-411 035.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 18/258 granted to Pranab Kumar Mondal for an invention relating to an electric circuit system for use in emission free vehicle.

The Patent ceased on 21.2.2003 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III—Section 2 dated 16.8.2003.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 22.1.2004 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

PATENTS SEALED ON 24.10.2003 (KOLKATA)

189004 189006 189007 189008 189011 189012 189014 189015 189016 189021 189023 189027
189120 189222 189223 189224 189225 189226 189229 189230

DEL—NIL; KOL—08; CHEN—NIL; MUM—12.

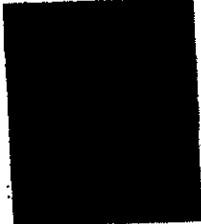
PATENTS SEALED ON 15.10.2003 (DELHI)

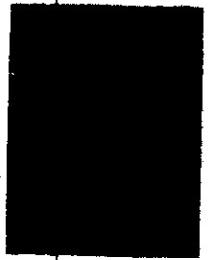
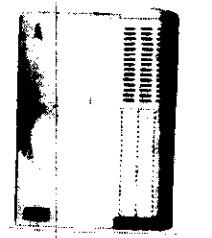
189065 189068 189070 189122 189123 189136 189138 189141 189166 189169

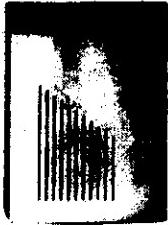
REGISTRATION OF DESIGNS

The following designs have been registered. They are open for public inspection. (Colour combination if any, is not shown in the representation)

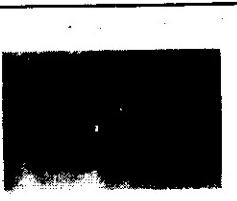
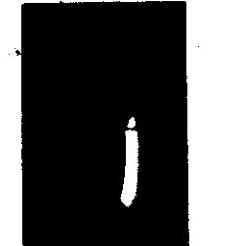
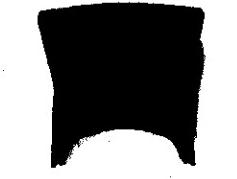
The dates shown in the following each entry is the date of registration.

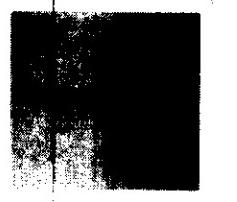
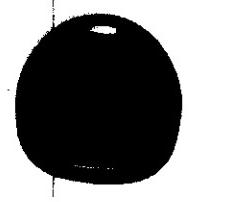
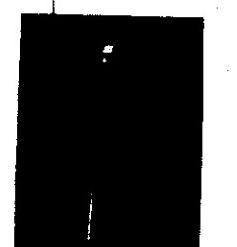
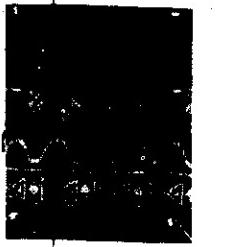
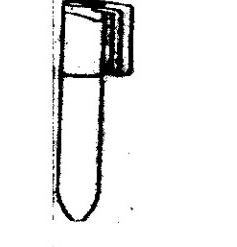
Class	02-04	No.192313. LIBERTY SHOES LIMITED, AN INDIAN COMPANY OF LIBERTY PURAM, 13 MILESTONE, GT KARNAL ROAD, KUTAIL, DT-KARNAL-132 001, HARYANA, INDIA. “SOLE OF FOOTWEAR” 10 June 2003	
Class	05-05	No.192536. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA, AN INDIAN PARTNERSHIP FIRM . “TEXTILE FABRIC” 7July 2003	
Class	05-05	No.192537. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA, AN INDIAN PARTNERSHIP FIRM . “TEXTILE FABRIC” 7July 2003	
Class	04-02	No.192282. DEVENDRA KUMAR JAIN, AN INDIAN NATIONAL OF 22 RABINDRA SARANI, ROOM NO.NN-129, 1 ST FLOOR, CALCUTTA:-700 073, W.B., INDIA. “TONGUE CLEANER” 4 June 2003	

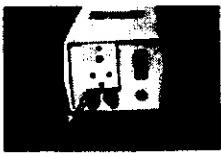
Class	05-05	No.192348. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA, AN INDIAN PARTNERSHIP FIRM . "TEXTILE FABRIC" 7July 2003	
Class	14-02	No.192156 M/S. G.M. MODULAR PVT. LTD. 22/23, SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, GOKHIWARE, VASAI(E), THANE(DIST), MAHARASHTRA(INDIA). "COMPUTER SPIKE GUARD" 22 May 2003	
Class	10-06	No.192157. M/S. G.M. MODULAR PVT. LTD. 22/23, SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, GOKHIWARE, VASAI(E), THANE(DIST), MAHARASHTRA(INDIA). "ELECTRIC BELL REMOTE" 22 May 2003	
Class	10-06	No.192158. M/S. G.M. MODULAR PVT. LTD. 22/23, SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, GOKHIWARE, VASAI(E), THANE(DIST), MAHARASHTRA(INDIA). "BELL" 22 May 2003	
Class	10-06	No.192159. M/S. G.M. MODULAR PVT. LTD. 22/23, SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, GOKHIWARE, VASAI(E), THANE(DIST), MAHARASHTRA(INDIA). "BELL" 22 May 2003	

Class	14-02	No.192155. M/S. G.M. MODULAR PVT. LTD. 22/23, SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, GOKHIWARE, VASAI(E), THANE(DIST), MAHARASHTRA(INDIA). "COMPUTER SPIKE GUARD" 22 May 2003	
Class	10-06	No.192161. M/S. G.M. MODULAR PVT. LTD. 22/23, SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, GOKHIWARE, VASAI(E), THANE(DIST), MAHARASHTRA(INDIA). "BELL" 22 May 2003	
Class	10-06	No.192160.. M/S. G.M. MODULAR PVT. LTD. 22/23, SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, GOKHIWARE, VASAI(E), THANE(DIST), MAHARASHTRA(INDIA). "BELL" 22 May 2003	
Class	24-04	No.191737. THIRUMALAI ANANDAMPILLAI VIJAYAN, 19, 1ST, PARTHASARATHY NAGAR, ADAMBakkAM, CHENNAI-600 088 TAMIL NADU, 600 088, INDIAN NATIONAL. "INHALER BODY" 3 April 2003	
Class	07-06	No.191464. DART INDUSTRIES INC., A CORPORATION FOUNDED UNDER THE LAWS OF DELAWARE, U.S.A. OF 14901, SOUTH ORANGE BLOSSOM TRAIL, ORLANDO, FLORIDA 32837, U.S.A. "CONDIMENT SHAKER" 26 Sept. 2002 (Reciprocity, U.S.A.)	

Class	10-07	No.191463. MOVADO WATCH COMPANY SA, A SWISS COMPANY OF BETTLACHS-TRASSE 8, CH-2540 GRENCHEM, SWITZERLAND. "WATCH DIAL" 18 Sept. 2002. "Reciprocity, U.S.A."	
Class	24-04	No.191300. BEE DEE BLADES PVT. LTD., 1/27, GAUTAM TOWER, AMILL ROAD, TILAK NAGAR, NEW DELHI-110 018, INDIA, AN INDIAN PVT. LTD. COMPANY. "RIB BELT-FEMALE-ORTHOPEDIC PURPOSE" 14 th February 2003.	
Class	14-01	No.190622. BOSE CORPORATION, A DELAWARE CORPORATION OF THE MOUNTAIN, FRAMINGHAM, MASSACHUSETTS 01701-9168, U.S.A. "LOUDSPEAKER" 31 May 2002 (Reciprocity, U.S.A.)	
Class	15-99	No.192060. VANDNA SOLVEX MACHINES PVT. LTD., C-52, FOCAL POINT, KOTKAPURA, PUNJAB, (INDIA), "THREAD TRIMMER MACHINE" 7 th May 2003	
Class	09-03	No.190918. SAMBHAV POLYPACK OF "PRIYANKA" ASHWAMEGH BUNGALOWS-I, 132-F, RINGH ROAD, SATELLITE, AHMEDABAD-380015, GUJARAT, INDIA. "CONTAINER" 7 th January 2003.	

Class	10-99	No.191439. MIJO AUTO GAS PVT. LTD., AN INDIAN COMPANY, B-38-39, SANJAY MARKET, MANGOLPUR KALAN, SECTOR - 2, ROHINI, DELHI:- 110 085, (INDIA). "MIXER FOR GAS & AIR" 5 March 2003.	
Class	10-99	No.191438. MIJO AUTO GAS PVT. LTD., AN INDIAN COMPANY, B-38-39, SANJAY MARKET, MANGOLPUR KALAN, SECTOR - 2, ROHINI, DELHI:- 110 085, (INDIA). "MIXER FOR GAS & AIR" 5 March 2003.	
Class	10-99	No.191437. MIJO AUTO GAS PVT. LTD., AN INDIAN COMPANY, B-38-39, SANJAY MARKET, MANGOLPUR KALAN, SECTOR - 2, ROHINI, DELHI:- 110 085, (INDIA). "MIXER FOR GAS & AIR" 5 March 2003.	
Class	12-11	NO.192501. EASTMAN INDUSTRIES LTD., C-87, PHASE-V, FOCAL POINT, LUDHIANA-141010 (PUNJAB), INDIA, AN INDIAN LIMITED COMPANY. "BI-CYCLE MUDGUARD" 2 July 2003	
Class	06-01	NO.192121. ERGOCOMP PLASTIC (INDIA) PVT. LTD., PLOT NO.A, 406 T.T.C. INDUST-RIAL AREA, M.L.D.C., MAHAPE NAVI MUMBAI, MUMBAI-400 705, MAHA-RASHTRA, INDIA, INDIAN COMPANY. "BACK PORTION OF CHAIR" 19 th May 2003.	

Class	19-06	No.190631. ARCHIES LIMITED, A-17, NARAINA INDUSTRIAL AREA, NEW DELHI: -110 028, INDIA, AN INDIAN COMPANY. "PENCIL" 3 rd December 2002	
Class	06-01	No.192120. ERGOCOMP PLASTIC (INDIA) PVT. LTD., PLOT NO.A, 406 T.T.C. INDUST-RIAL AREA, M.I.D.C., MAHAPE NAVI MUMBAI, MUMBAI:-400 705, MAHA-RASHTRA, INDIA, INDIAN COMPANY. "BACK PORTION OF CHAIR" 19 th May 2003.	
Class	19-06	No.191366. M/S. SURAJ ENTERPRISES, (AN INDIAN SOLE PROPRIETORSHIP CONCE-RN), HAVING OFFICE AT 47, NARENDRA VILLA, LIBERTY-GARDEN ROAD 2, MALAD (W), MUMBAI:-400 064, MAHARASHTRA, INDIA, "PENCIL HOLDER & PENCIL" 26 February 2003	
Class	05-05	No.192126. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA, AN INDIAN PARTNERSHIP FIRM . "TEXTILE FABRIC" 20 May 2003	
Class	19-06	No.192130. S.S.B. METAL WORKS, K. YUNUS BLDG. 2 ND FLOOR, VISHWESHWAR NAGAR, ROAD, OFF AAREY ROAD, GOREGAON (E), MUMBAI-400063, MAHARASHTRA. "BALL PEN" 20 th may 2003.	

Class	07-02	No.191734. CHULET PHARMACEUTICALS, 4, KALIDAS MARG, BRAHAMPURI, JAIPUR (RAJASTHAN), INDIA, AN INDIAN PROPRIETORSHIP FIRM "CONTAINER" 2 April 2003.	
Class	13-02	No.191939. HINDUSTAN POWER PRODUCTS PVT. LTD., 26, SHIVAJI MARG, NEW DELHI:- 110 015, INDIA, "AUTOMATIC VOLTAGE" 24 April 2003	
Class	02-07	No.192502. OSCAR METAL CRAFT (P) LTD., VILLAGEKOT SEKHON, 289, MILESTONE, G.T. ROAD, DORAH, DISTT. LUDHIANA, (PUNJAB), INDIA, AN INDIAN PVT. LTD. COMPANY, "PANT HOOK" 2 nd July 2003	

Dr. S. N. MAITY
Controller General of Patents, Designs & Trade Marks

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एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 2003

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